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**REPLY UNDER 37 CFR 1.116
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PATENT
Attorney's Docket No. 3364P139

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Examiner: Stultz, Jessica T.
Hyun-Soo KIM, Jong-Hoi KIM,)
Eun-Deok SIM, Kang-Ho KIM,) Art Group: 2873
Oh-Kee Kwon, and Kwang-Ryong OH)
Application No. 10/672,220)
Filed: September 26, 2003)
For: HIGH SPEED OPTICAL SIGNAL)
PROCESSOR INCLUDING SATURABLE)
ABSORBER AND GAIN-CLAMPED)
OPTICAL AMPLIFIER)

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Commissioner for Patents
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Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

In response to the Final Office Action mailed April 25, 2005 in connection with the above-referenced patent application, Applicants respectfully request consideration of the attached remarks.